

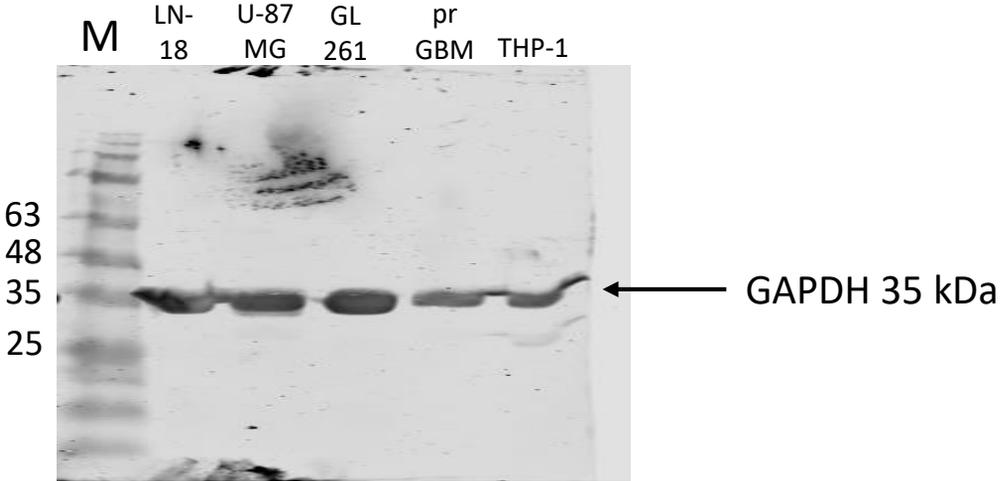
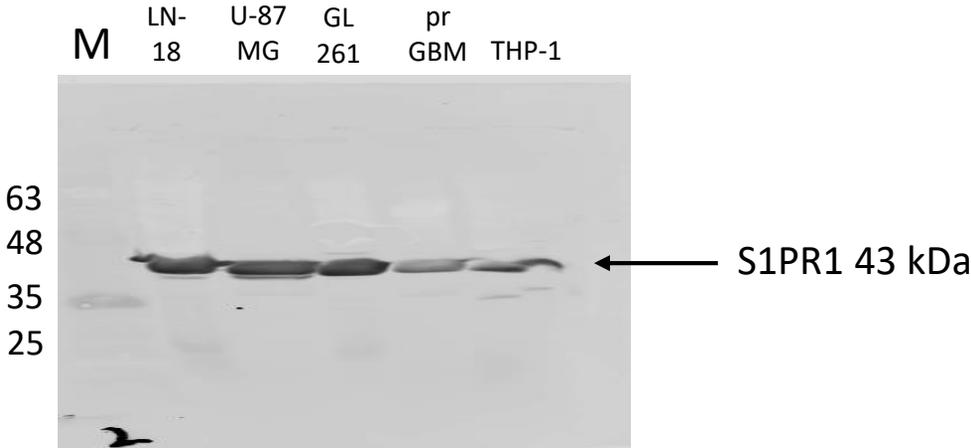
Uncropped Blots from those shown  
in Figure 1a and 1b

*Article*

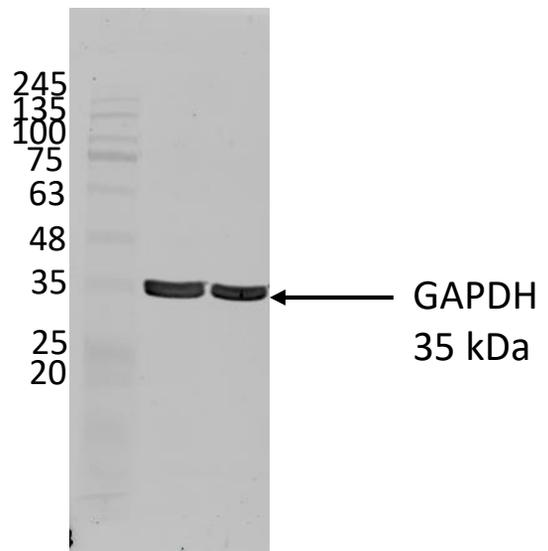
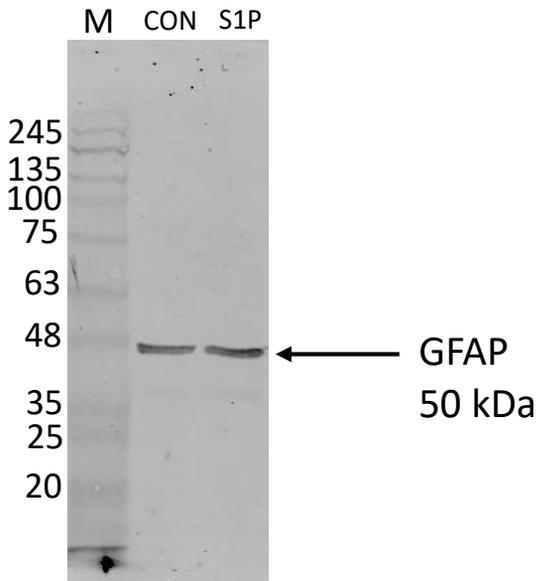
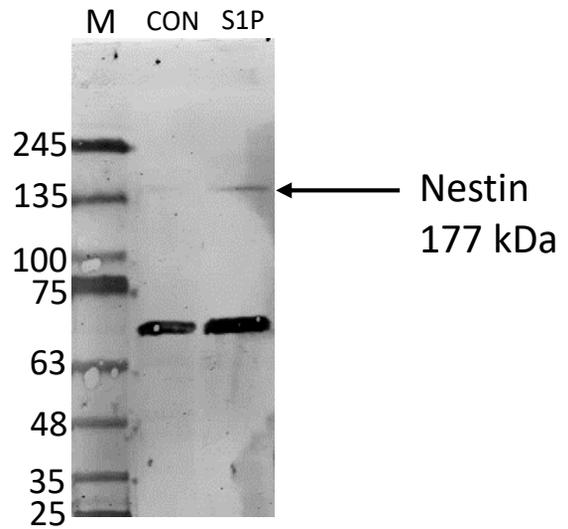
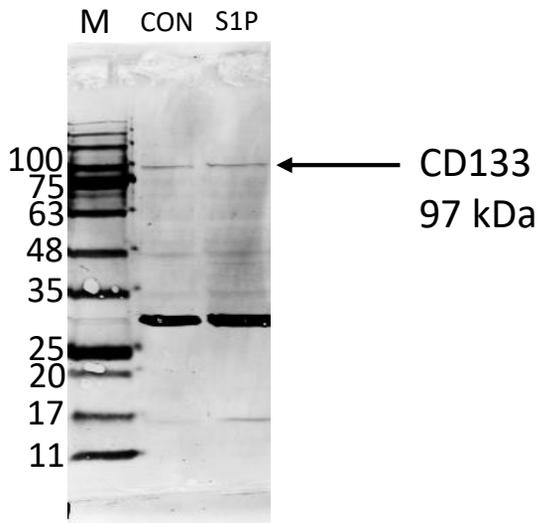
Modulation of Sphingosine-1-phosphate receptor 1 by ACT-209905 impairs growth and migration of Glioblastoma cells *in vitro*

Sandra Bien-Möller<sup>1</sup>, Fan Chen<sup>2</sup>, Yong Xiao<sup>3</sup>, Sascha Marx<sup>4</sup>, Celine Tolksdorf<sup>5</sup>, Ulrike Meyer<sup>6</sup>, Mladen V. Tzvetkov<sup>7</sup>, Henry W. S. Schroeder<sup>8</sup>, Bernhard H. Rauch<sup>9\*</sup>

# S1PR1 in different GBM cell lines and THP-1 cells



# CD133, Nestin and GFAP in prGBM cells



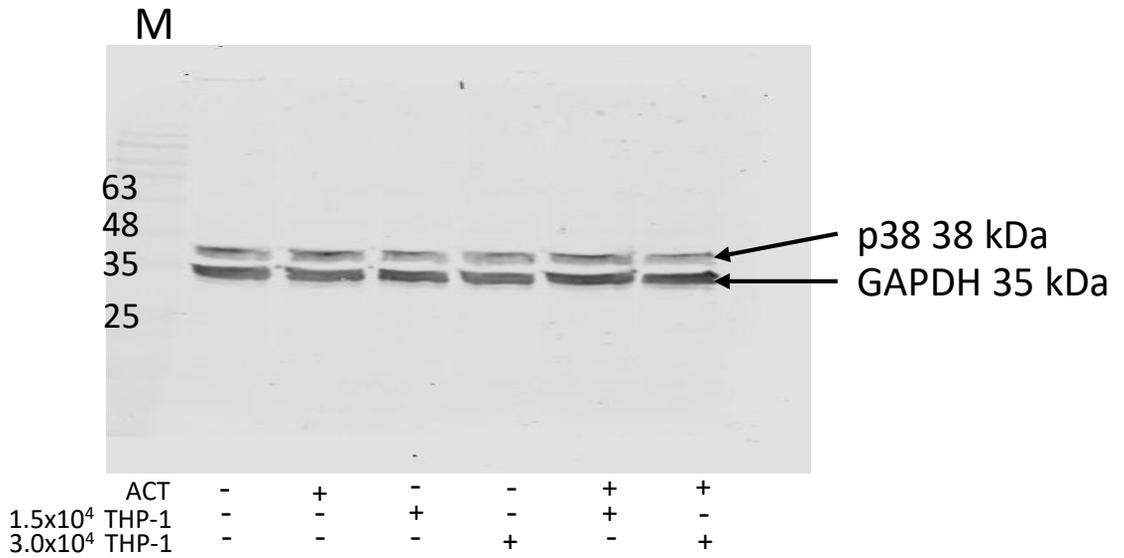
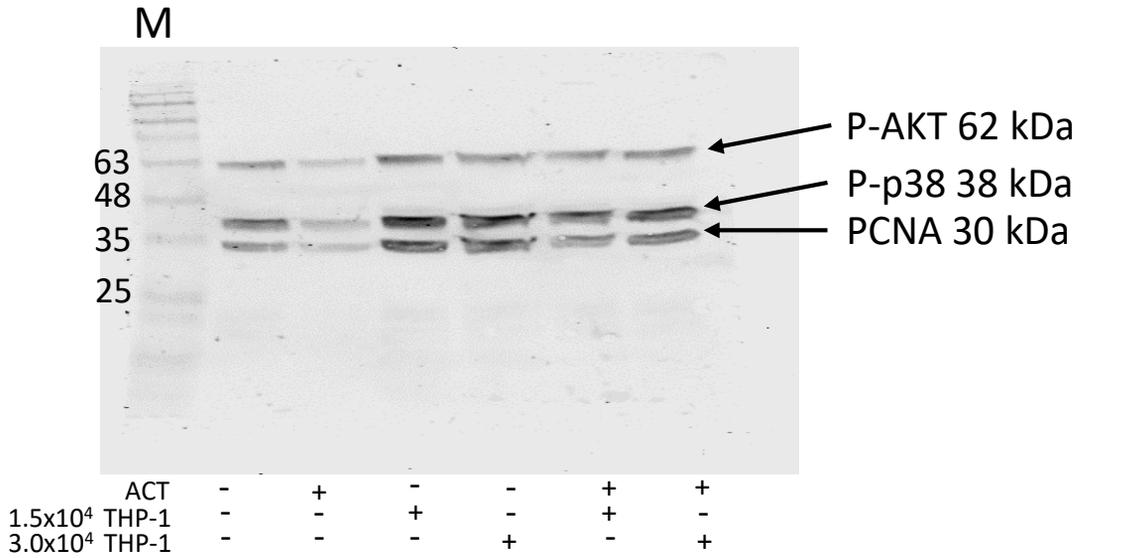
Uncropped Blots from those shown  
in Figure 6

*Article*

Modulation of Sphingosine-1-phosphate receptor 1 by ACT-209905 impairs growth and migration of Glioblastoma cells *in vitro*

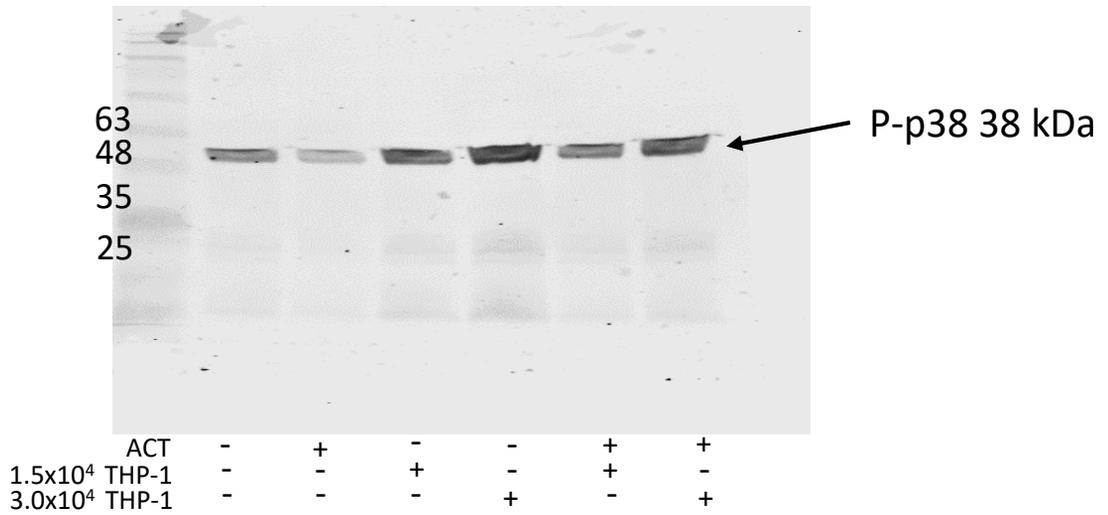
Sandra Bien-Möller<sup>1</sup>, Fan Chen<sup>2</sup>, Yong Xiao<sup>3</sup>, Sascha Marx<sup>4</sup>, Celine Tolksdorf<sup>5</sup>, Ulrike Meyer<sup>6</sup>, Mladen V. Tzvetkov<sup>7</sup>, Henry W. S. Schroeder<sup>8</sup>, Bernhard H. Rauch<sup>9\*</sup>

## prGBM + THP-1 cells: PCNA

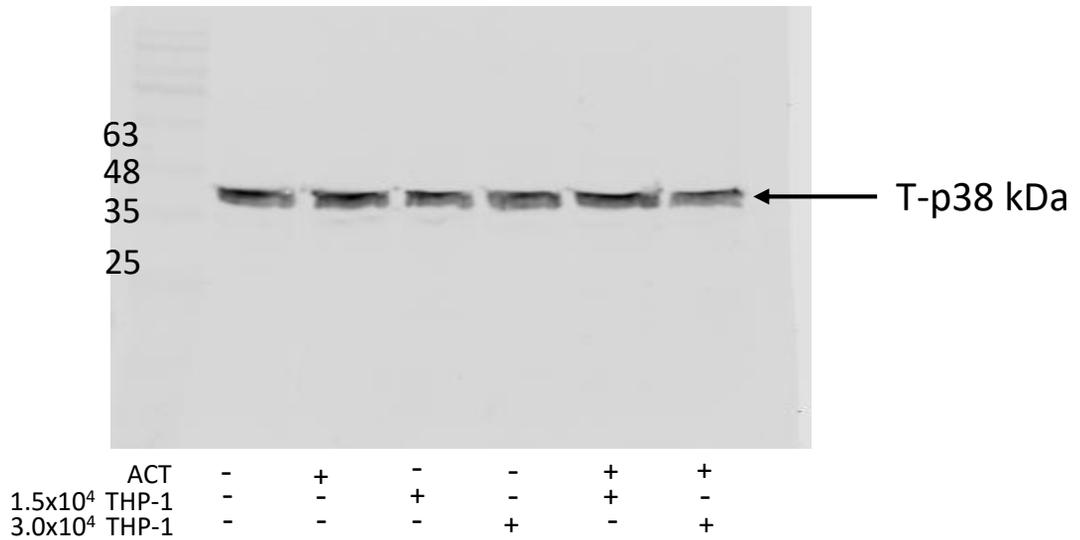


## prGBM + THP-1 cells: p38

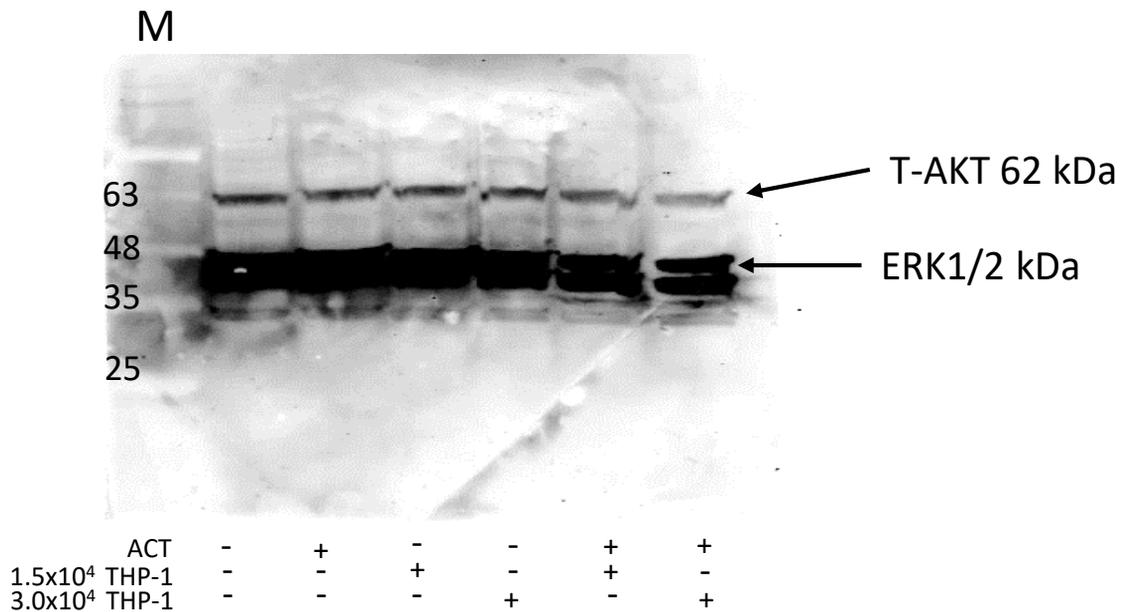
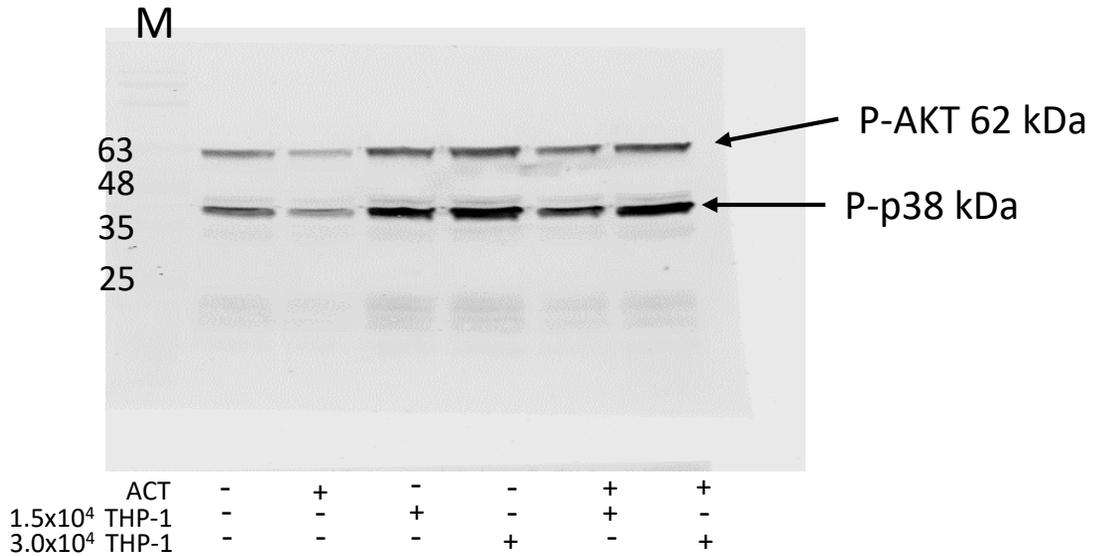
M



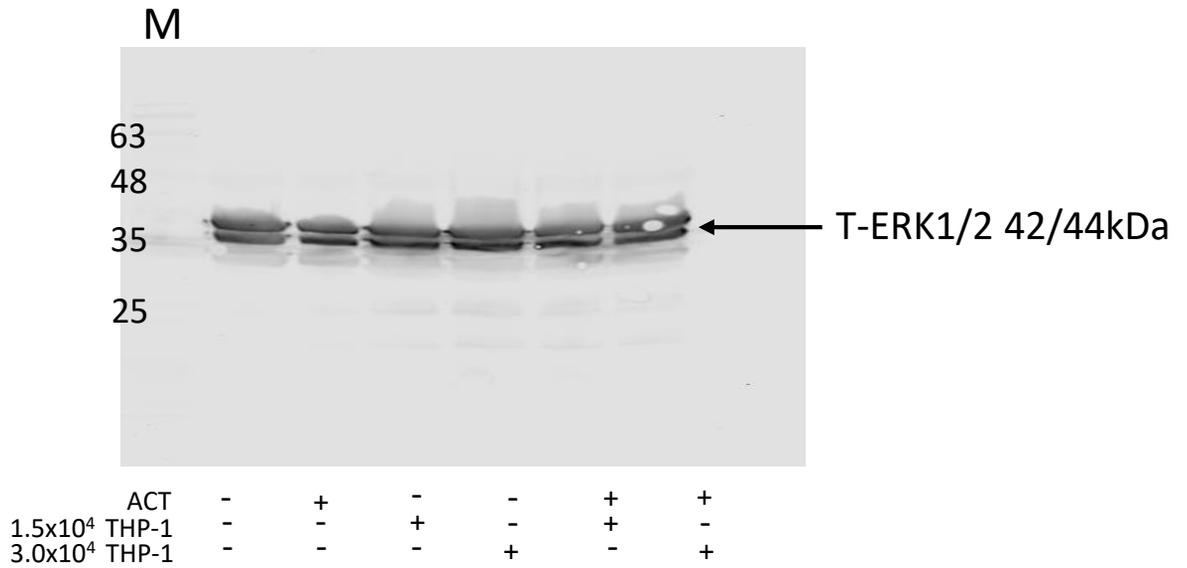
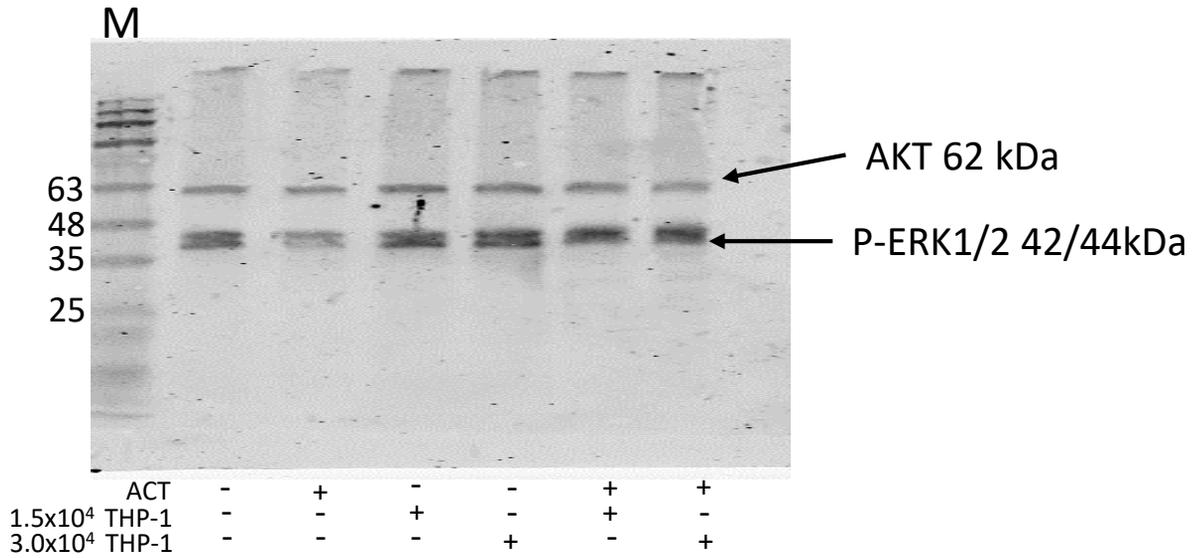
M



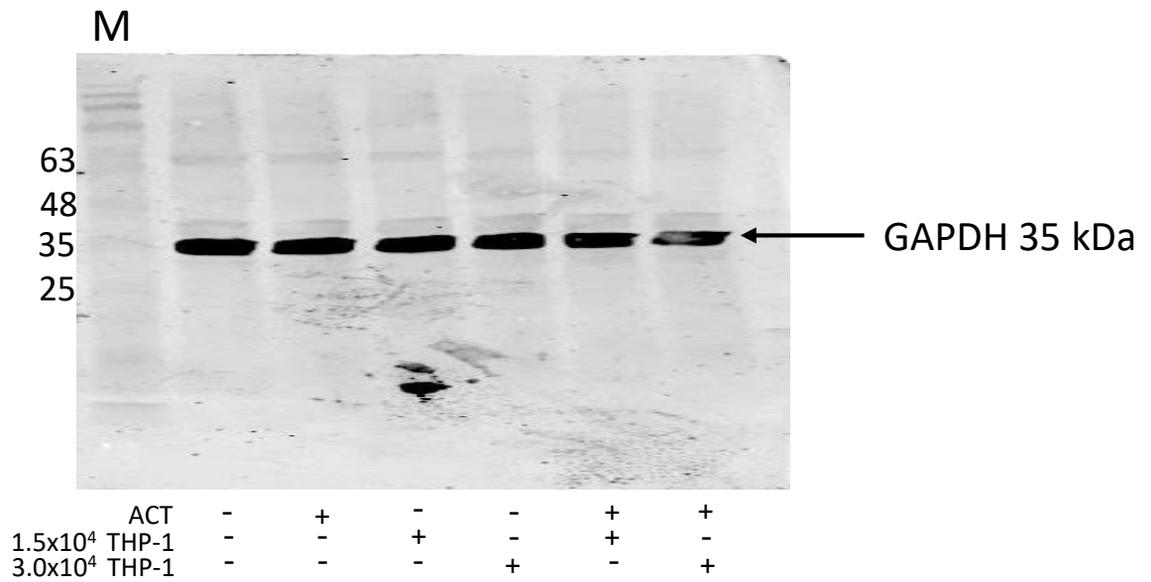
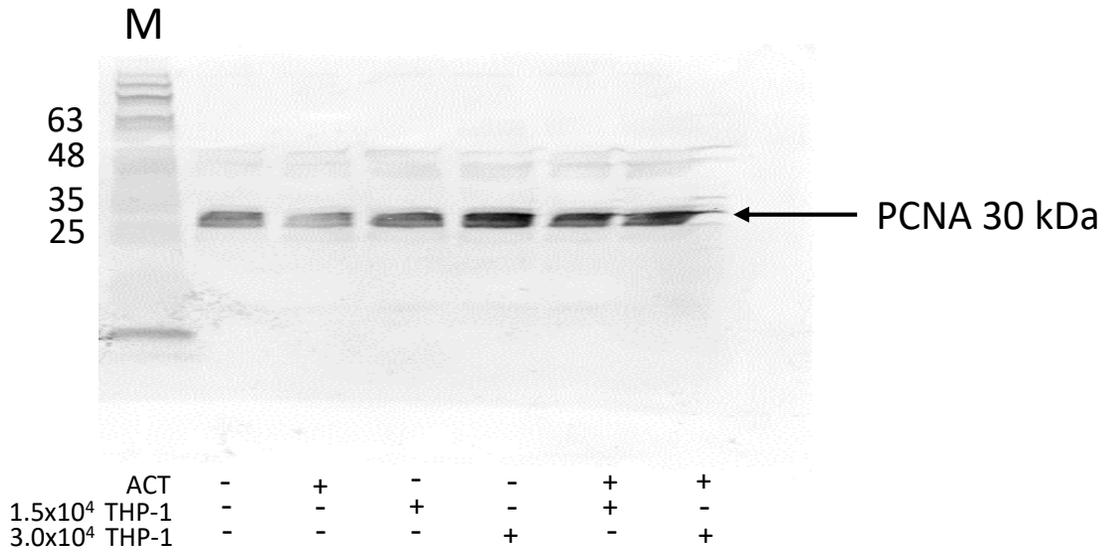
## prGBM + THP-1 cells: AKT



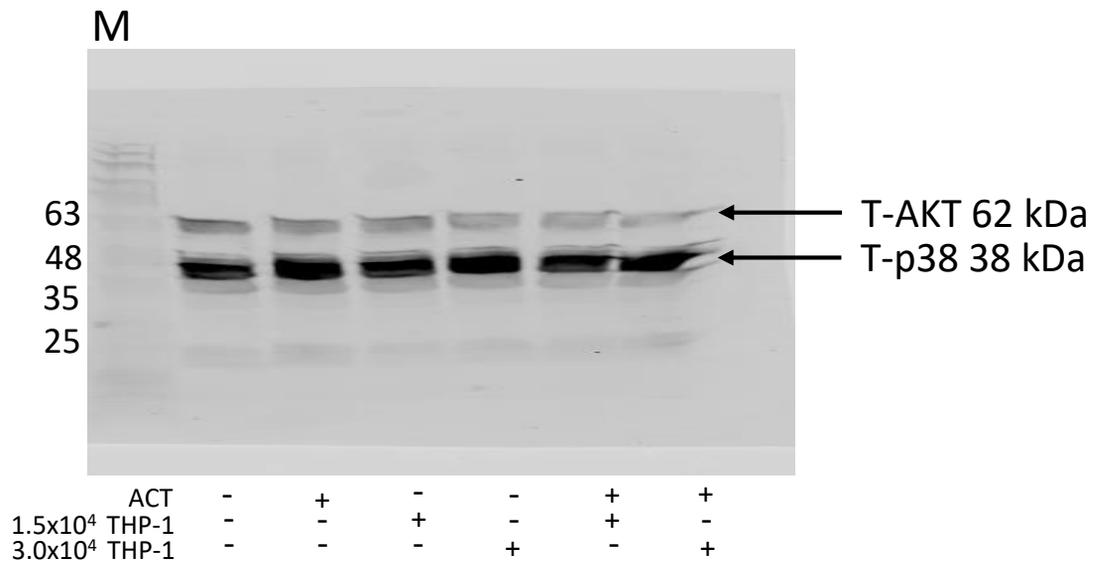
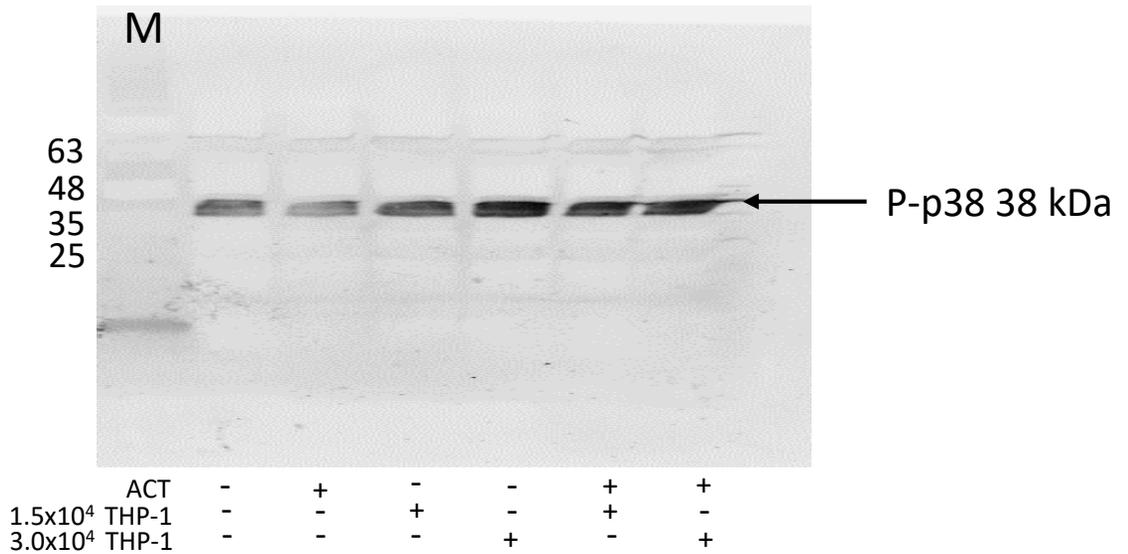
## prGBM + THP-1 cells: ERK1/2



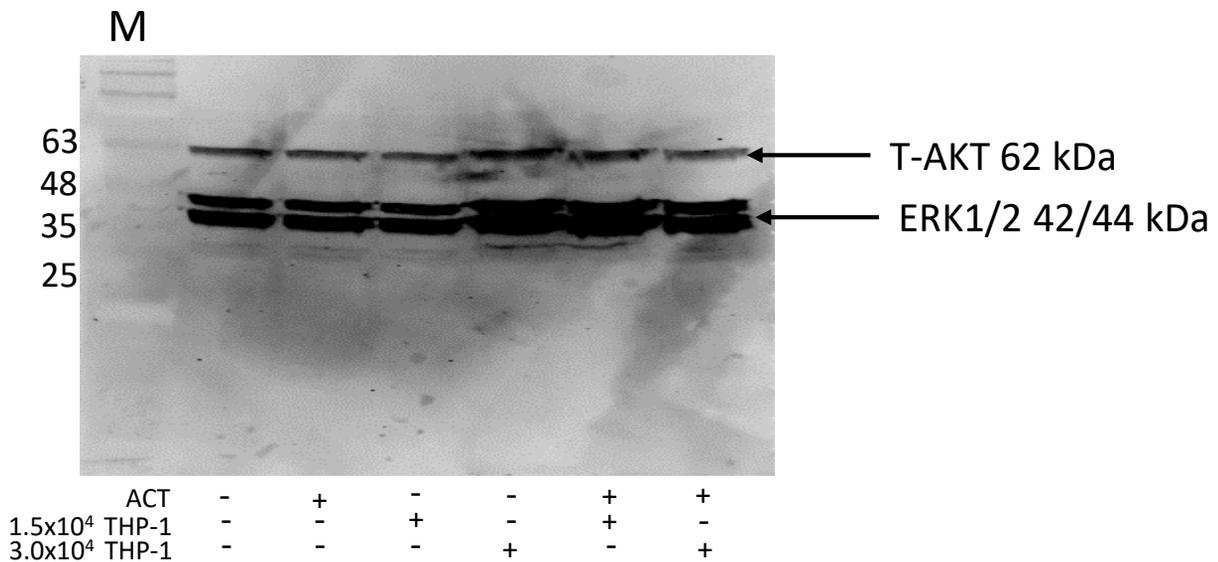
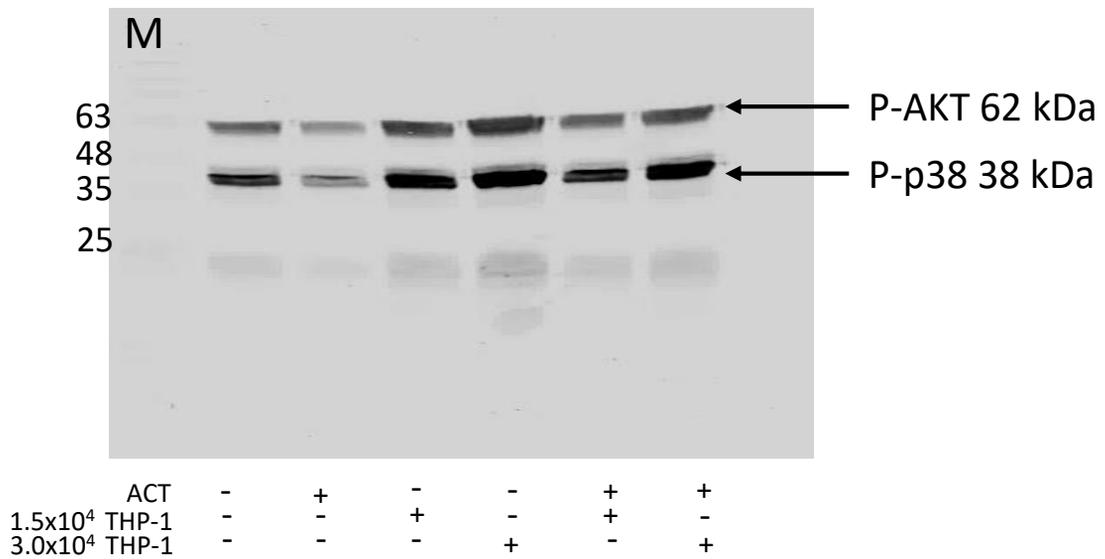
## prGBM + THP-1 conditioned medium: PCNA



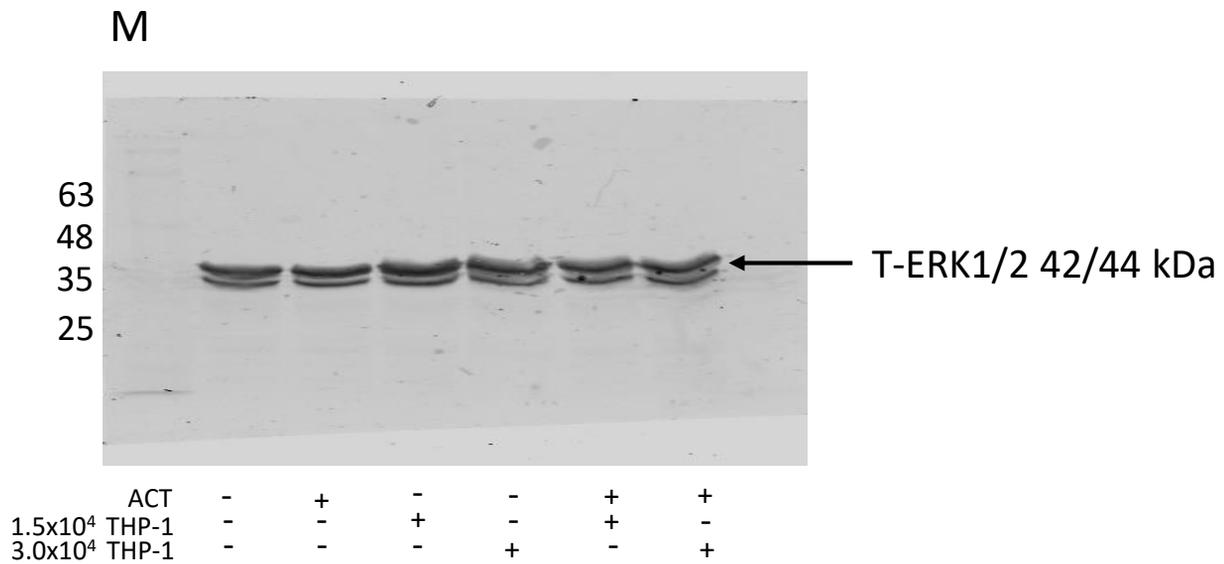
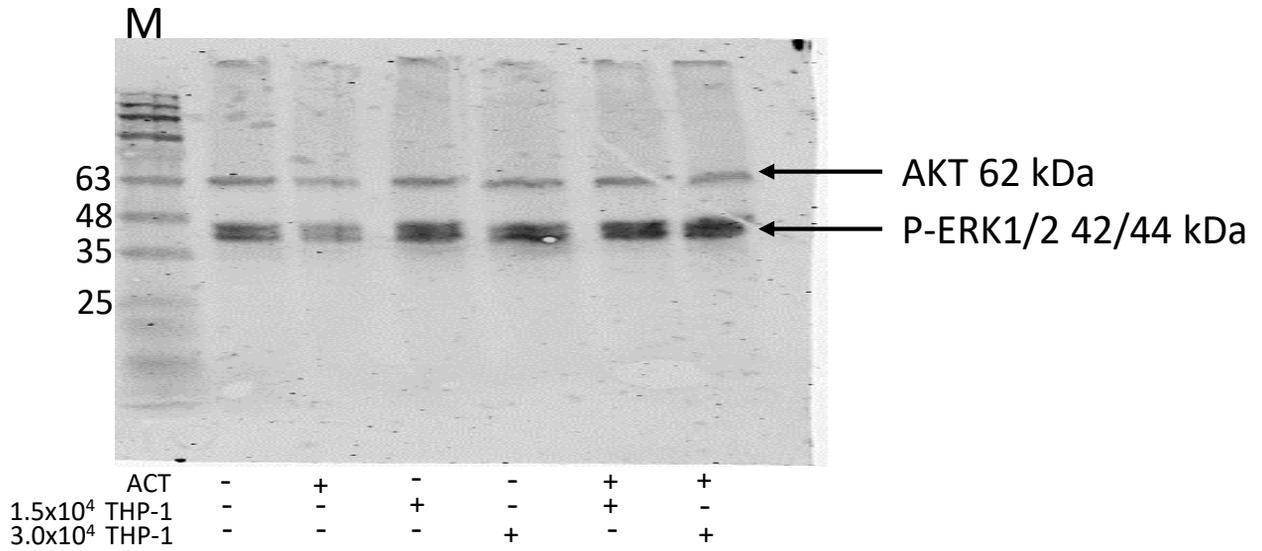
## prGBM + THP-1 conditioned medium: p38



## prGBM + THP-1 conditioned medium: AKT

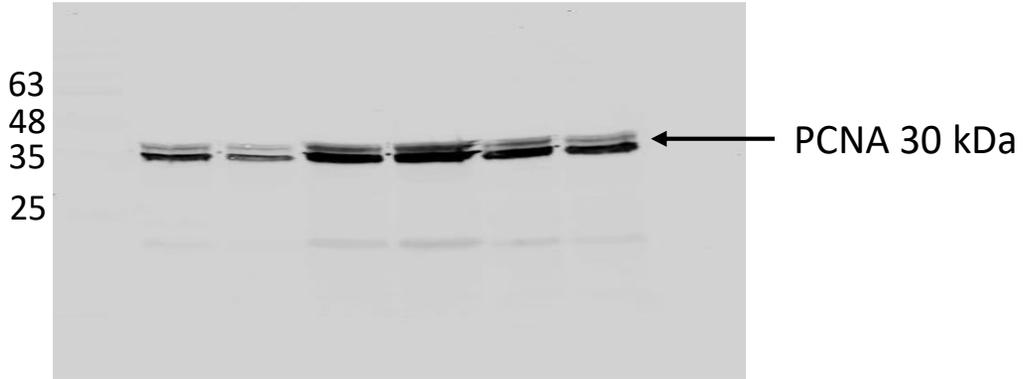


## prGBM + THP-1 conditioned medium: ERK1/2



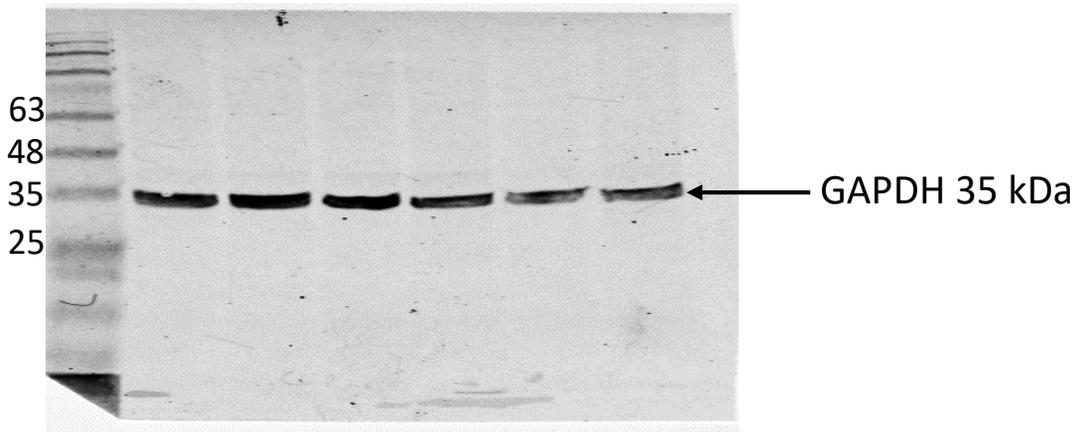
## GL261 + THP-1 cells: PCNA

M



ACT	-	+	-	-	+	+
$1.5 \times 10^4$ THP-1	-	-	+	-	+	-
$3.0 \times 10^4$ THP-1	-	-	-	+	-	+

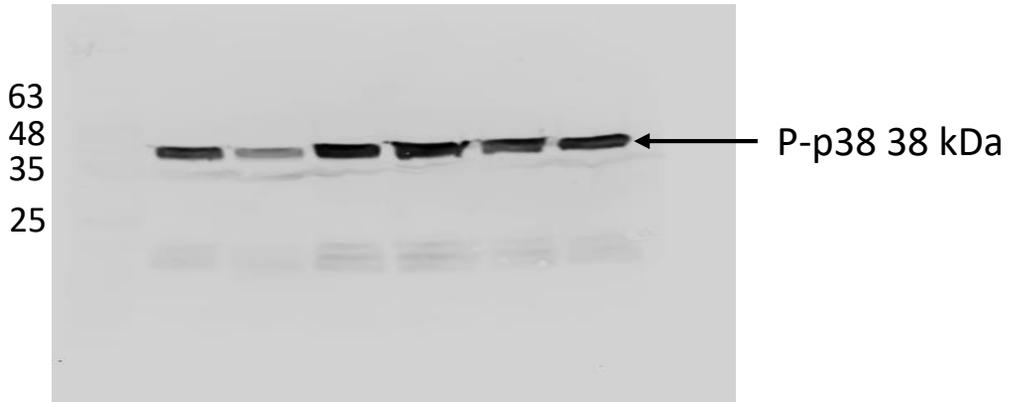
M



ACT	-	+	-	-	+	+
$1.5 \times 10^4$ THP-1	-	-	+	-	+	-
$3.0 \times 10^4$ THP-1	-	-	-	+	-	+

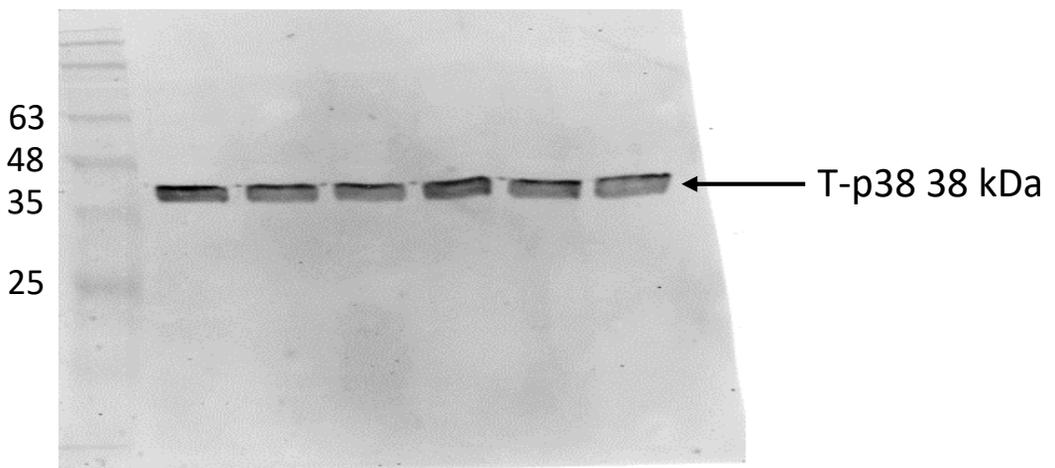
## GL261 + THP-1 cells: p38

M



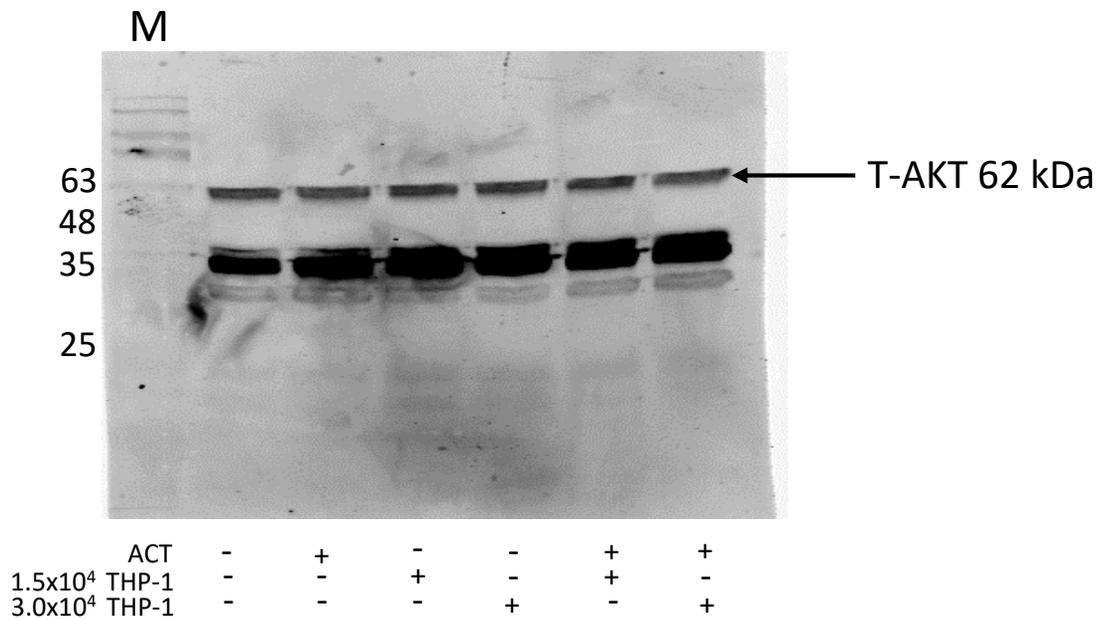
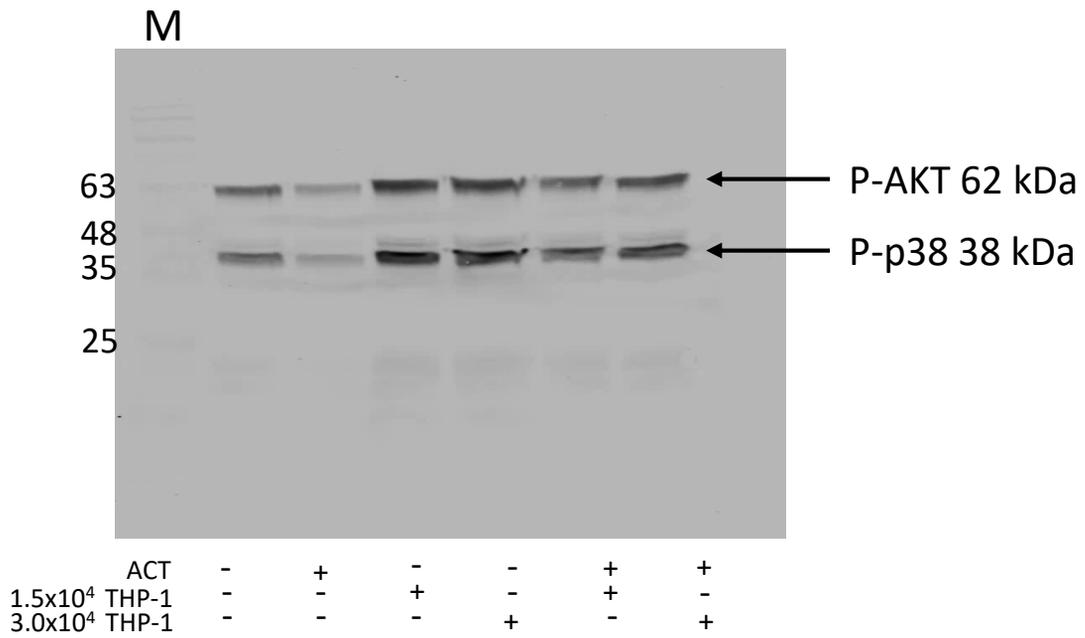
ACT	-	+	-	-	+	+
1.5x10 <sup>4</sup> THP-1	-	-	+	-	+	-
3.0x10 <sup>4</sup> THP-1	-	-	-	+	-	+

M



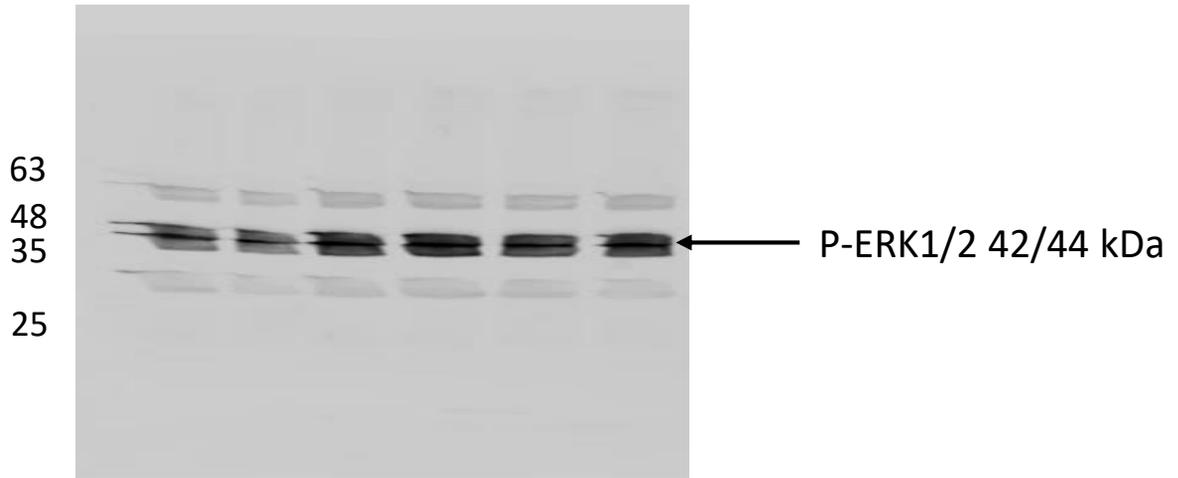
ACT	-	+	-	-	+	+
1.5x10 <sup>4</sup> THP-1	-	-	+	-	+	-
3.0x10 <sup>4</sup> THP-1	-	-	-	+	-	+

## GL261 + THP-1 cells: AKT



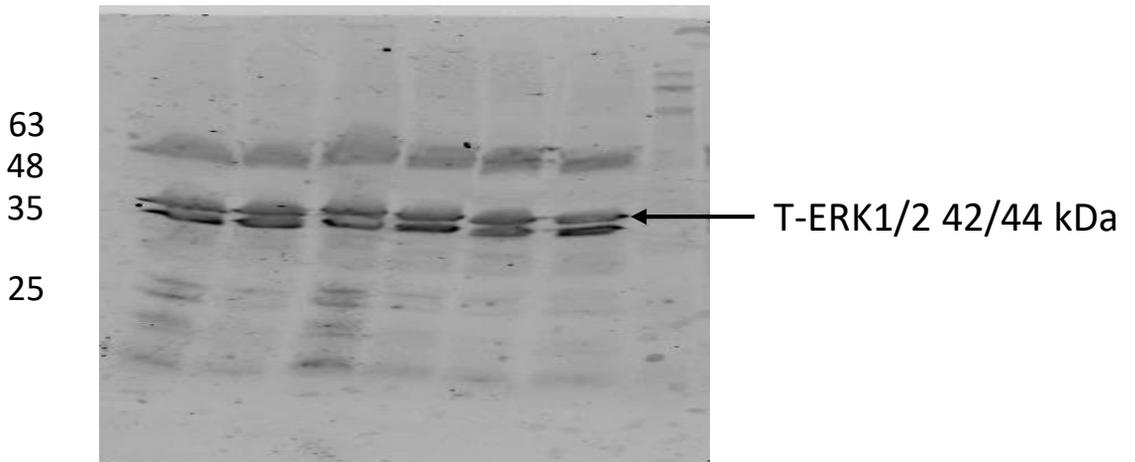
## GL261 + THP-1 cells: ERK1/2

M



ACT	-	+	-	-	+	+
1.5x10 <sup>4</sup> THP-1	-	-	+	-	+	-
3.0x10 <sup>4</sup> THP-1	-	-	-	+	-	+

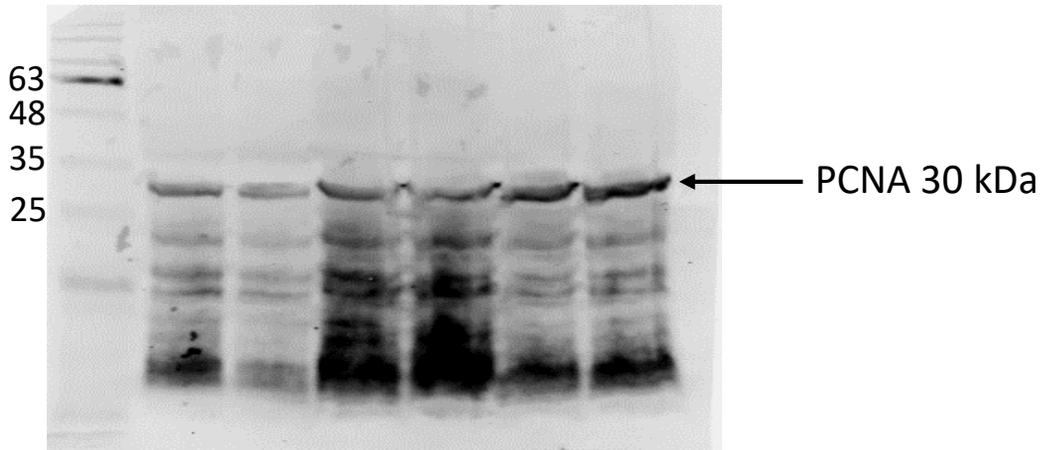
M



ACT	-	+	-	-	+	+
1.5x10 <sup>4</sup> THP-1	-	-	+	-	+	-
3.0x10 <sup>4</sup> THP-1	-	-	-	+	-	+

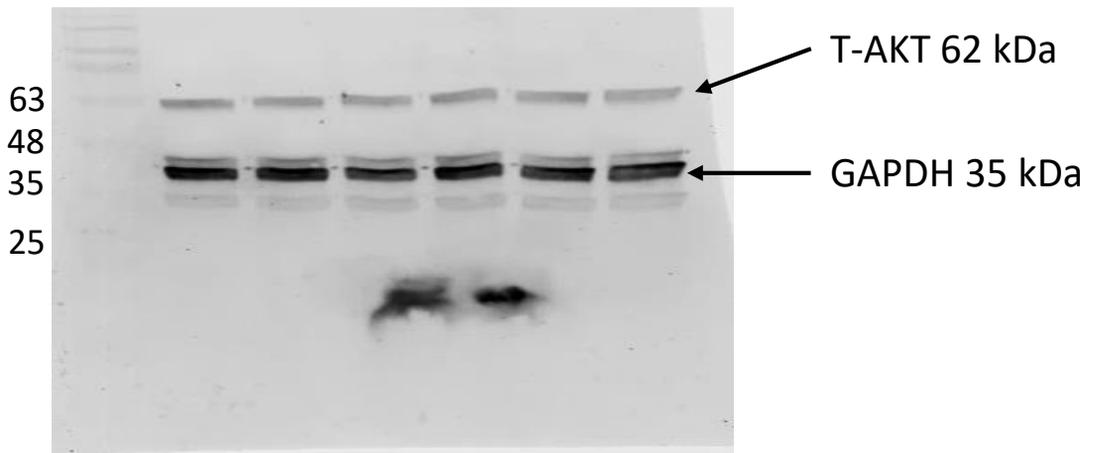
## GL261 + THP-1 conditioned medium: PCNA

M



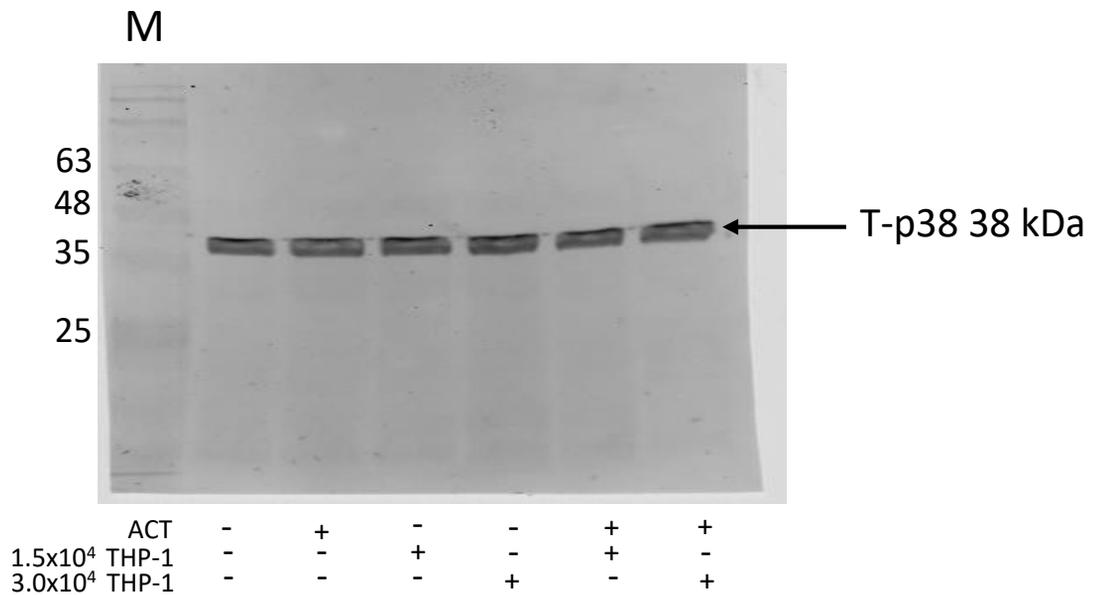
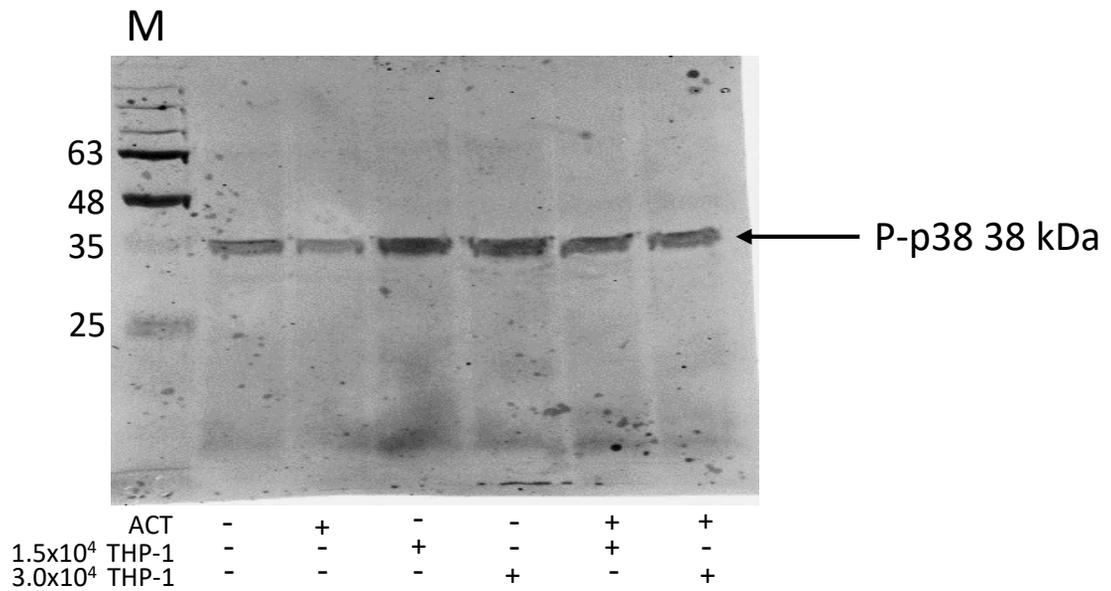
ACT	-	+	-	-	+	+
$1.5 \times 10^4$ THP-1	-	-	+	-	+	-
$3.0 \times 10^4$ THP-1	-	-	-	+	-	+

M

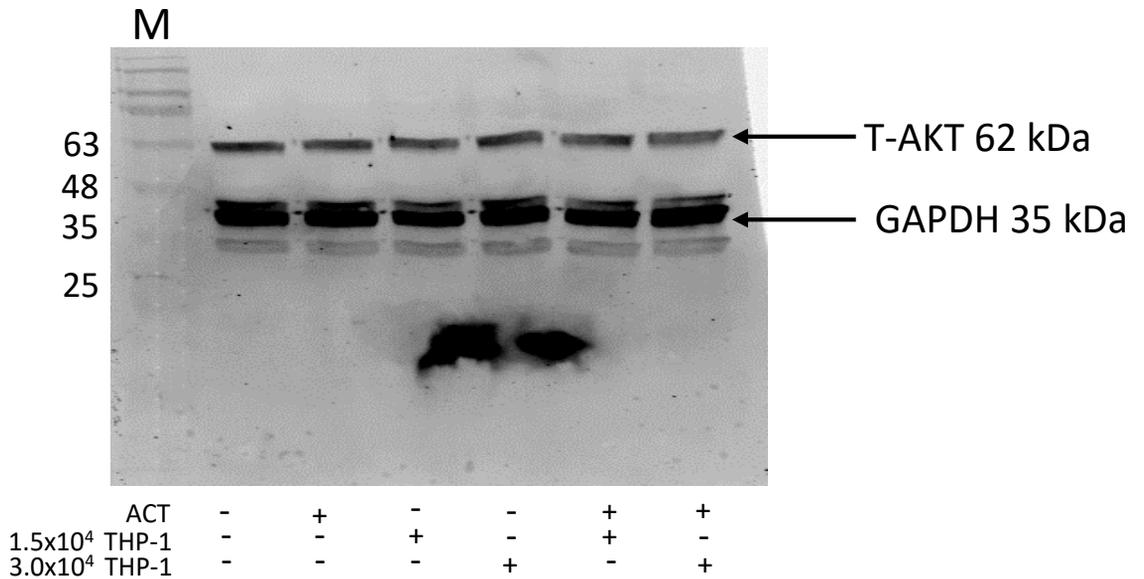
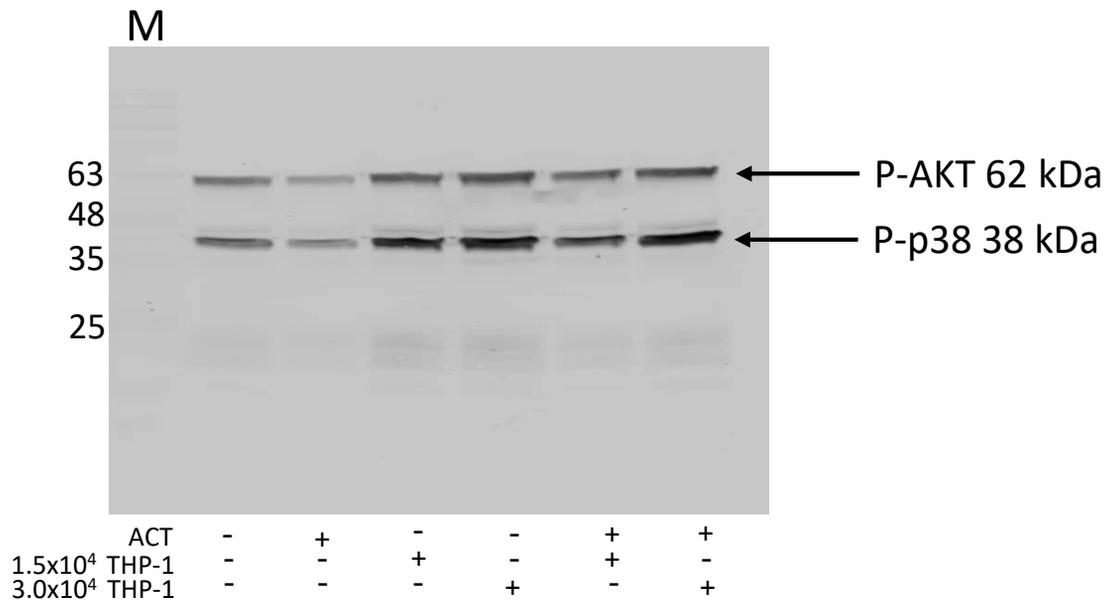


ACT	-	+	-	-	+	+
$1.5 \times 10^4$ THP-1	-	-	+	-	+	-
$3.0 \times 10^4$ THP-1	-	-	-	+	-	+

## GL261 + THP-1 conditioned medium: p38

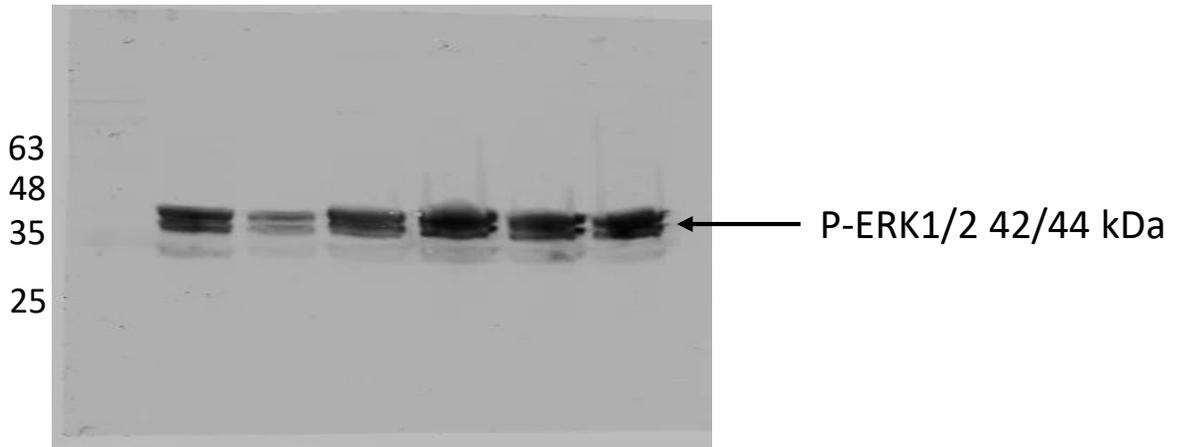


## GL261 + THP-1 conditioned medium: AKT



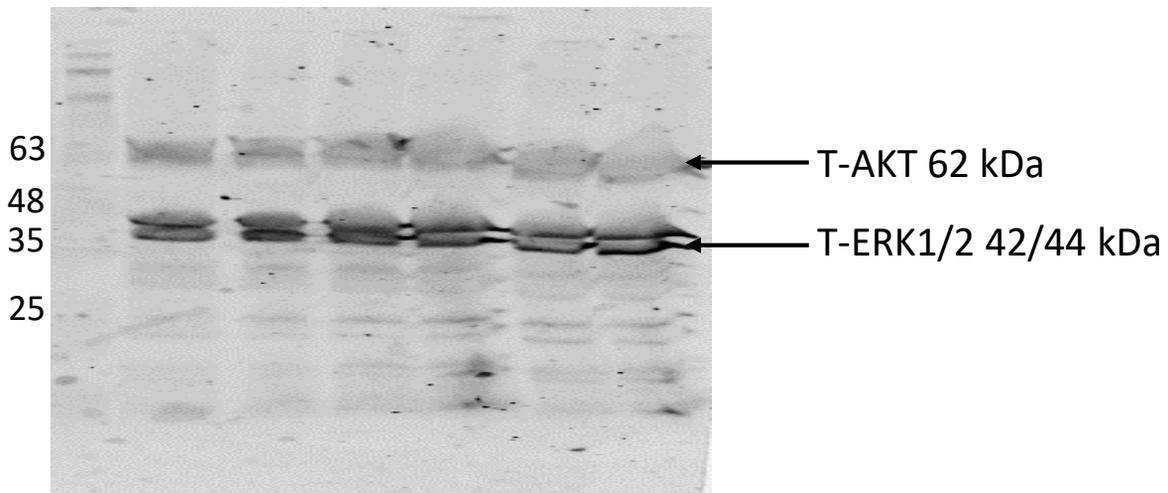
## GL261 + THP-1 conditioned medium: ERK1/2

M



	ACT	-	+	-	-	+	+
$1.5 \times 10^4$	THP-1	-	-	+	-	+	-
$3.0 \times 10^4$	THP-1	-	-	-	+	-	+

M



	ACT	-	+	-	-	+	+
$1.5 \times 10^4$	THP-1	-	-	+	-	+	-
$3.0 \times 10^4$	THP-1	-	-	-	+	-	+